

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5427763" "5958361").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/26 00:59
S2	0	S1 and chalcogen	US-PGPUB; USPAT	OR	ON	2010/03/26 01:00
S3	1	bastide.in. and chalcogen	US-PGPUB; USPAT	OR	ON	2010/03/26 01:00
S4	1663	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:01
S5	116	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle	US-PGPUB; USPAT	OR	ON	2010/03/26 01:03
S6	9	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol	US-PGPUB; USPAT	OR	ON	2010/03/26 01:04
S7	9	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol and carrier	US-PGPUB; USPAT	OR	ON	2010/03/26 01:05
S8	8	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol same carrier and precursor near3 (metal)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:07
S9	5	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol same carrier and precursor near3 (metal) and nebulizer	US-PGPUB; USPAT	OR	ON	2010/03/26 01:10

S10	2	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium) and nebulizer	US-PGPUB; USPAT	OR	ON	2010/03/26 01:15
S11	2	spray adj pyrolysis and (oxygen sulfur selenium tellurium polonium ununhexium) and synthesis with nanoparticle and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:17
S12	0	spray adj pyrolysis and synthesis with nanoparticle and nanoparticle with crystal\$4 and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:18
S13	0	spray adj pyrolysis and nanoparticle with crystal\$4 and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:18
S14	24	spray adj pyrolysis and crystal \$4 and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:19
S15	0	spray adj pyrolysis and lamellar with crystal\$4 and (nm "mu. m.") and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:21

S16	0	spray adj pyrolysis and lamellar with (crystallographic crystal \$4) and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (metal) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:21
S17	0	spray adj pyrolysis and lamellar with (crystallographic crystal \$4) and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:23
S18	0	spray adj pyrolysis and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:23
S19	24	spray adj pyrolysis and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (metal ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:25
S20	63	spray adj pyrolysis and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:32
S21	2138	spray adj pyrolysis and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (metal ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:32

S22	0	spray adj pyrolysis and (nm "mu.m.") and liquid adj aerosol same carrier and precursor near3 (metal ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:32
S23	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and liquid adj aerosol same carrier and precursor near3 (metal ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:32
S24	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal ti zr hf v nb ta mo w re co ni pt pd cr ru) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:33
S25	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:33

S26	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol and carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:33
S27	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol and carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) and metal adj chalcogenide	US-PGPUB; USPAT	OR	ON	2010/03/26 01:37
S28	70	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol and carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (ti zr hf v nb ta mo w re co ni pt pd cr ru titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:37

S29	70	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol and carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 01:38
S30	1	("5885530").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/26 05:21
S31	52	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:22
S32	47	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:23
S33	47	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar lamellae)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:24

S34	47	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar lamellae lamella)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:24
S35	47	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar lamellae lamella) and crystal\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:25
S36	11	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar lamellae lamella) and crystal\$5 and lubrica\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:26
S37	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (lamellar lamellae lamella) and crystal\$5 and lubrica\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:33

S38	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (lamellar lamellae lamella) and crystal\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:33
S39	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (lamellar lamellae lamella)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:33
S40	0	metal adj oxide same lubrica\$5 and spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor and (lamellar lamellae lamella)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:33
S41	1	metal adj oxide same lubrica\$5 and spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 12:34
S42	1596	metal adj oxide with lubrica\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:35
S43	1	metal adj oxide same lubrica\$5 and spray adj pyrolysis and aerosol same carrier and precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 12:35
S44	1	metal adj oxide same lubrica\$5 and spray adj pyrolysis and (nm "mu.m." nanoparticle)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:36
S45	13	metal adj oxide same lubrica\$5 and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 12:36
S46	9	metal adj oxide same lubrica\$5 and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor and (spray pyrolysis flame)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:36

S47	5	metal adj oxide same lubrica\$5 and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor and (pyrolysis flame)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:37
S48	1	metal adj oxide same lubrica\$5 and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor and (pyrolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:37
S49	1	(chalcogenide chalcogen) same lubrica\$5 and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor and (spray pyrolysis flame)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:39
S50	126	(chalcogenide chalcogen) same lubrica\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:39
S51	28	(chalcogenide chalcogen).ti. and lubrica\$5	US-PGPUB; USPAT	OR	ON	2010/03/26 12:39
S52	1	(chalcogenide chalcogen).ti. and lubrica\$5 and spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 12:40
S53	2	(chalcogenide chalcogen).ti. and lubrica\$5 and pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 12:40
S54	1	(chalcogenide chalcogen).ti. and lubrica\$5 and (ioniz\$4 nebul\$5 aerosol)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:41
S55	0	(chalcogenide chalcogen).ti. and lubrica\$5 and (ioniz\$4)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:42
S56	29	(chalcogenide chalcogen) same lubrica\$5 and (ioniz\$4 nebul\$5 aerosol)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:42
S57	2	(chalcogenide chalcogen) same lubrica\$5 and (ioniz\$4 nebul\$5 aerosol) and precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 12:42
S58	29	(chalcogenide chalcogen) same lubrica\$5 and (ioniz\$4 nebul\$5 aerosol)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:42
S59	66	(chalcogenide chalcogen molybdenum adj sulfide) same lubrica\$5 and (ioniz\$4 nebul\$5 aerosol)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:44
S60	1	(chalcogenide chalcogen molybdenum adj sulfide) same lubrica\$5 and spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 12:45
S61	166	(chalcogenide chalcogen molybdenum adj sulfide) and spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 12:45

S62	2	(chalcogenide chalcogen molybdenum adj sulfide) and spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:46
S63	2	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2") and spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:47
S64	2	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2") and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:47
S65	5	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2") and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) same (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:47

S66	39	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) same (oxygen sulfur selenium tellurium polonium ununhexium)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:50
S67	0	spray adj pyrolysis and (nm "mu.m." nanoparticle) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) with (oxygen sulfur selenium tellurium polonium ununhexium) and (layer lamellar lamellae lamella) and crystal\$5 and lubrica\$5 not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:51
S68	28	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) same (oxygen sulfur selenium tellurium polonium ununhexium) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:52
S69	1	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and (tetraselenometallate tetrathiommetallate) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:54

S70	1	spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and (tetraselenometallate tetrathiommetallate) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:54
S71	1	spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and (tetraselenometallate tetrathiommetallate)	US-PGPUB; USPAT	OR	ON	2010/03/26 12:54
S72	0	spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and ("WS.sub.4" "MOS.sub.4") not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:57
S73	169	("WS.sub.4" "MOS.sub.4") not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:57
S74	0	spray adj pyrolysis and aerosol same carrier and ("WS.sub.4" "MOS.sub.4") not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 12:57
S75	0	spray adj pyrolysis and aerosol same carrier and ("WS.sub.4" "MOS.sub.4")	US-PGPUB; USPAT	OR	ON	2010/03/26 12:58
S76	0	spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and ("WS.sub.4" "MoS.sub.4" "WSe.sub.4" "MoSe.sub.4") not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:00
S77	170	("WS.sub.4" "MoS.sub.4" "WSe.sub.4" "MoSe.sub.4") not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:00
S78	53	(chalcogenide chalcogen molybdenum adj sulfide "MoS.sub.2" lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:03
S79	28	(chalcogenide chalcogen molybdenum adj sulfide "MoS.sub.2" lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor near3 (metal titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) same (oxygen sulfur	US-PGPUB; USPAT	OR	ON	2010/03/26 13:06

		selenium tellurium polonium ununhexium) not S36				
S80	31	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" metal adj oxide) and (lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:08
S81	210	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" metal adj oxide lubricant) and spray adj pyrolysis and (nm "mu.m." nanoparticle nanometer) and aerosol same carrier and precursor and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:09
S82	34	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" metal adj oxide lubricant) and (nm "mu.m." nanoparticle nanometer) and spray adj pyrolysis same aerosol same carrier same precursor and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:09

S83	24	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" metal adj oxide lubricant) and (nm "mu.m." nanoparticle nanometer) and spray adj pyrolysis same aerosol same carrier same precursor and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) same (oxygen sulfur selenium tellurium polonium ununhexium)not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:13
S84	24	(chalcogenide chalcogen molybdenum adj sulfide "MoS. sub.2" metal adj oxide lubricant) and (nm "mu.m." nanoparticle nanometer) and spray adj pyrolysis same aerosol same carrier same precursor and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru) same (oxygen sulfur selenium tellurium polonium ununhexium) not S36	US-PGPUB; USPAT	OR	ON	2010/03/26 13:13
S85	2	("5427763" "5958361").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/26 16:28
S86	4	(US-20070111319-\$ or US-20020107140-\$).did. or (US-5112650-\$ or US-5427763-\$). did.	US-PGPUB; USPAT	OR	OFF	2010/03/26 18:11
S87	2	spray adj pyrolysis.ti. and nebulizer with (pnematic ultrasonic)	US-PGPUB; USPAT	OR	ON	2010/03/26 18:12
S88	13	spray adj pyrolysis same nebulizer with (pnematic ultrasonic)	US-PGPUB; USPAT	OR	ON	2010/03/26 18:12
S89	2	("5427763" "5958361").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/26 18:42
S90	2	S89 and (titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium ti zr hf v nb ta mo w re co ni pt pd cr ru)	US-PGPUB; USPAT	OR	ON	2010/03/26 18:42

S91	1	S89 and (sn pb ge tin lead germanium)	US-PGPUB; USPAT	OR	ON	2010/03/26 18:56
S92	23	nanobox	US-PGPUB; USPAT	OR	ON	2010/03/26 19:12
S93	1	nanobox and parallelepipeds	US-PGPUB; USPAT	OR	ON	2010/03/26 19:13
S94	0	nanobox with metal adj oxide	US-PGPUB; USPAT	OR	ON	2010/03/26 19:13
S95	0	nanobox same metal adj oxide	US-PGPUB; USPAT	OR	ON	2010/03/26 19:13
S96	1	nanobox same chalcogen\$4	US-PGPUB; USPAT	OR	ON	2010/03/26 19:13
S97	28	tetrathio\$5 with precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 19:17
S98	4	tetrasulfide with precursor	US-PGPUB; USPAT	OR	ON	2010/03/26 19:22
S99	2171	(antimony bismuth) same chalcogen\$4	US-PGPUB; USPAT	OR	ON	2010/03/26 19:42
S100	27	(antimony bismuth) same chalcogen\$4 and spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 19:43
S101	0	(antimony bismuth) same chalcogen\$4 same spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 19:43
S102	60	(antimony bismuth) same (oxide chalcogen\$4) same spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 19:45
S103	7	(antimony bismuth) same (oxide chalcogen\$4) same spray adj pyrolysis and (atomiz \$4 nebuliz\$4 aerosol) and carrier	US-PGPUB; USPAT	OR	ON	2010/03/26 19:47
S104	8	(antimony bismuth) same (oxide chalcogen\$4) same spray adj pyrolysis same ceramic	US-PGPUB; USPAT	OR	ON	2010/03/26 19:49
S105	6	(antimony bismuth) adj (oxide chalcogen\$4) same spray adj pyrolysis same ceramic	US-PGPUB; USPAT	OR	ON	2010/03/26 19:50
S106	3	(antimony bismuth) adj (oxide chalcogen\$4) same spray adj pyrolysis same ceramic same powder	US-PGPUB; USPAT	OR	ON	2010/03/26 20:13
S107	14	(antimony bismuth) adj (oxide chalcogen\$4) same spray adj pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 20:16
S108	11	(antimony bismuth) adj (oxide chalcogen\$4) same spray adj pyrolysis not S106	US-PGPUB; USPAT	OR	ON	2010/03/26 20:16

S109	16	(metal) adj (oxide chalcogen \$4) and spray adj pyrolysis and (tetravalent tetrathio\$5 tetrasulfide tetraselenide)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:28
S110	2	(metal) adj (oxide chalcogen \$4) and spray adj pyrolysis and (tetrathio\$5 tetrasulfide tetraselenide)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:28
S111	8	(metal) adj (oxide chalcogen \$4) and spray adj pyrolysis and (tetravalent tetrathio\$5 tetrasulfide tetraselenide) and sulfur	US-PGPUB; USPAT	OR	ON	2010/03/26 20:30
S112	25	(tetrathiommetallate tetraselenometallate)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:38
S113	0	(tetrathiommetallate tetraselenometallate) same pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 20:39
S114	25	(tetrathiommetallate tetraselenometallate)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:39
S115	1	(tetrathiommetallate tetraselenometallate) and pyrolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 20:39
S116	0	(tetrathiommetallate tetraselenometallate) and thermolysis	US-PGPUB; USPAT	OR	ON	2010/03/26 20:40
S117	4	(tetrathiommetallate tetraselenometallate) and (decomposition)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:41
S118	20	(tetrathiommetallate tetraselenometallate) and (decompos\$5)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:41
S119	0	(tetrathiommetallate tetraselenometallate) same (decompos\$5)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:41
S120	4	(tetrathiommetallate tetraselenometallate) and (decompos\$5) and (nm nanometer "mu.m.")	US-PGPUB; USPAT	OR	ON	2010/03/26 20:42
S121	4	(tetrathiommetallate tetraselenometallate) and (decompos\$5) and (nm nanometer "mu.m.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/26 20:44
S122	20	(tetrathiommetallate tetraselenometallate) and (decompos\$5)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:44
S123	0	(tetrathiommetallate tetraselenometallate) same (decompos\$5)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:44

S124	16	(tetrathiometallate tetraselenometallate) and (decompos\$5) not S121	US-PGPUB; USPAT	OR	ON	2010/03/26 20:45
S125	0	(tetrathio tetraseleno) adj (boron aluminum gallium indium) and (decompos\$5) not S121	US-PGPUB; USPAT	OR	ON	2010/03/26 20:49
S126	0	(boron aluminum gallium indium) adj (tetrasulfide tetraselenide)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:51
S127	33	(boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (tetrasulfide tetraselenide)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:53
S128	8	(boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (tetrasulfide tetraselenide) and (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:53
S129	3	(boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (tetrasulfide tetraselenide) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 20:53
S130	1554	(nanotube fullerene) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:03
S131	117	(nanotube fullerene) same (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:04

S132	65	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:04
S133	21	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide) with (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:04
S134	12	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide) with (pyrolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:04
S135	9	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide) with (pyrolysis decompos\$4 thermolysis) not S134	US-PGPUB; USPAT	OR	ON	2010/03/26 21:07
S136	10	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) with (pyrolysis decompos\$4 thermolysis) not S134	US-PGPUB; USPAT	OR	ON	2010/03/26 21:11

S137	1	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) with (pyrolysis decompos\$4 thermolysis) not S134 not S135	US-PGPUB; USPAT	OR	ON	2010/03/26 21:11
S138	2448	(nanotube fullerene) with (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) not S134 not S135	US-PGPUB; USPAT	OR	ON	2010/03/26 21:11
S139	1391	(nanotube fullerene) with (boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) not S134 not S135	US-PGPUB; USPAT	OR	ON	2010/03/26 21:12
S140	24	(nanotube fullerene) with (boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) same (pyrolysis decompos\$4 thermolysis) not S134 not S135	US-PGPUB; USPAT	OR	ON	2010/03/26 21:12
S141	2649	(nanotube fullerene) with (powder)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:14

S142	0	inorganic near2 (nanotube fullerene) same (boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:16
S143	4	inorganic near2 (nanotube fullerene) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:17
S144	481	inorganic near2 (nanotube fullerene)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:20
S145	14	inorganic near2 (nanotube fullerene) and (metal boron aluminum gallium indium titanium molybdenum cobalt nickel platinum palladium chromium tungsten zirconium hafnium vanadium niobium tantalum ruthenium rhenium) adj (chalcogen\$4 oxide sulfide selenide disulfide dioxide) same (pyrolysis decompos\$4 thermolysis)	US-PGPUB; USPAT	OR	ON	2010/03/26 21:20
S146	23	nanobox	US-PGPUB; USPAT	OR	ON	2010/03/26 21:24
S147	11	(antimony bismuth) adj (oxide chalcogen\$4 dioxide sulfide disulfide) same spray adj pyrolysis not S106	US-PGPUB; USPAT	OR	ON	2010/03/26 21:46
S148	44	(antimony bismuth) adj (oxide chalcogen\$4 dioxide sulfide disulfide) same pyrolysis not S106	US-PGPUB; USPAT	OR	ON	2010/03/26 21:47
S149	33	(antimony bismuth) adj (oxide chalcogen\$4 dioxide sulfide disulfide) same pyrolysis not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:47
S150	33	(antimony bismuth) adj (oxide chalcogen\$4 dioxide sulfide disulfide selenide) same pyrolysis not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:49
S151	8	(bismuth) adj (oxide chalcogen\$4 dioxide sulfide disulfide selenide) same pyrolysis not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:50

S152	2	(bismuth) adj (oxide chalcogen \$4 dioxide sulfide disulfide selenide) same pyrolysis and (nanometer nm "mu.m.") not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:52
S153	21	(bismuth antimony) adj (oxide chalcogen \$4 dioxide sulfide disulfide selenide) same pyrolysis and (nanometer nm "mu.m.") not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:52
S154	1	(bismuth antimony) adj (oxide chalcogen \$4 dioxide sulfide disulfide selenide) same (particle powder) same pyrolysis and (nanometer nm "mu.m.") not S106 not S147	US-PGPUB; USPAT	OR	ON	2010/03/26 21:54

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